## Yenuli Tharuka Obapitiya

Computer Science Undergraduate

Galle, Southern Province \( \bigsip \) +94 76 329 6393 \( \text{@ yenuliobapitiya@gmail.com} \)

Profiles

O yenuliobapitiya

Computer Science undergraduate seeking an internship to gain industry experience in software engineering. Eager to learn, collaborate with professionals, and contribute to a dynamic team.

#### Education Informatics Institute of Technology

May 2023 - Present

BSc (Hons) Computer Science

#### 1st Year Modules (Completed):

- Computer Systems Fundamentals
- Mathematics for Computing
- Trends in Computer Science
- Web Design and Development
- Software Development 1 (Python)
- Software Development 2 (Java)

#### 2nd Year Modules (Completed):

- Object-Oriented Programming
- Database Systems
- Software Development Group Project
- Advanced Client Side
- Algorithms: Theory, Design & Implementation
- Client-Server Architecture

# APJD - Advanced Professional Java Developer Program Academy of Computer Programming and Training, Sri Lanka (ACPT)

2023

2023

#### American College of Higher Education

April 2008 - June 2021

#### Sanghamittha Balika Vidyalaya, Galle

• G.C.E O/L Examination: 2018

• G.C.E A/L Examination: 2021 (2022 Feb)

#### **Projects**

#### MindBridge - AI-Powered Mental Health App

Nov 2024

- Technologies: Flutter, Node.js, Firebase, Python, NLP
- Developing a mobile application that provides AI-driven mental health support, including real-time mood detection, anonymous peer support, and personalized recommendations.

#### **Estate Agent Client-Side Web Application**

Nov 2024

- Technologies: React.js, JavaScript, HTML, CSS
- Building a responsive single-page application (SPA) that allows users to search and filter properties by type, price, location, and other criteria using JSON data.
- Implements React UI components, local storage for favorites, and a responsive design for optimal user experience.

#### **Projects**

#### Netflix Clone (Full Stack)

Sep 2024

- **Technologies:** React.js, Firebase
- Created a full-stack Netflix clone with a responsive interface using React.js and Firebase.
- Integrated Firebase for authentication, data storage, and real-time dynamic content rendering.

#### Weather App Website

**April 2025** 

Technologies: JavaScript, HTML, CSS, Weather API

- Developed a dynamic and responsive web application that fetches real-time weather data based on user input for city or location using an external Weather API.
- Implements clean UI design with JavaScript for API integration, error handling, and interactive elements such as temperature display, weather icons, and location-based search.

#### Real-Time Event Ticketing System

Nov 2024

- **Technologies:** Java, Multi-threading
- Developed a multi-threaded ticketing system simulating real-time booking using the producer-consumer pattern.
- Implemented concurrency control, synchronization, and data integrity to handle simultaneous ticket release and purchases.
- Ensured efficient performance by optimizing thread management and preventing race conditions.

#### Seat Booking System for Plane

Feb 2024

- **Technologies:** Java
- Built a Java-based plane management system to automate ticket reservations and display seat plans.

#### **Mark Prediction Software**

Sep 2023

- **Technologies:** Python
- Built a prediction software to assist students in forecasting their grades using Python

#### **Technical Skills**

#### Language

Frameworks & Libraries

React, Node, SpringBoot, Flutter

Database

Developer Tools

MySql, Firebase

Python, Java, HTML

Figma, Postman

#### Languages

Sinhala

### English

#### References

#### GHS sandeepa

Senior DevOps-R & D AI Engineering IFS R&D International (Pvt) Ltd

Level 18, Orion Towers, 736 Dr Danister De Silva Mawatha, Colombo 09

#### Saadh Jawwadh,

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